

#### **CDH3 Antibody (C-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP1499B

### **Specification**

### CDH3 Antibody (C-term) - Product Information

Application WB, IHC-P,E
Primary Accession P22223
Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Antigen Region 660-688

# CDH3 Antibody (C-term) - Additional Information

**Gene ID 1001** 

#### **Other Names**

Cadherin-3, Placental cadherin, P-cadherin, CDH3, CDHP

### Target/Specificity

This CDH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 660-688 amino acids from the C-terminal region of human CDH3.

#### **Dilution**

WB~~1:1000 IHC-P~~1:10~50

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

# Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

CDH3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### CDH3 Antibody (C-term) - Protein Information

Name CDH3

# **Synonyms** CDHP

Function Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact





with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.

#### **Cellular Location**

Cell membrane; Single-pass type I membrane protein

#### **Tissue Location**

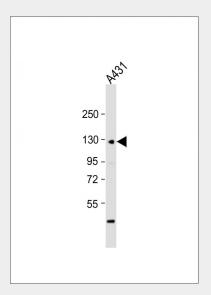
Expressed in some normal epithelial tissues and in some carcinoma cell lines.

# CDH3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

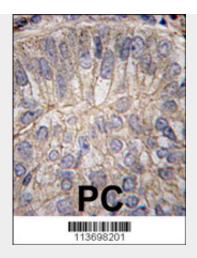
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### CDH3 Antibody (C-term) - Images



Anti-CDH3 Antibody (C-term) at 1:1000 dilution + A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFDM/TBST.





Formalin-fixed and paraffin-embedded human prostate carcinoma tissue reacted with CDH3 antibody (C-term) (Cat.#AP1499b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

## CDH3 Antibody (C-term) - Background

CDH3 is a classical cadherin from the cadherin superfamily. It is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in the gene encoding CDH3 have been associated with congential hypotrichosis with juvenile macular dystrophy.

# CDH3 Antibody (C-term) - References

Indelman, M., Clin. Exp. Dermatol. 32 (2), 191-196 (2007) Paredes, J., Clin. Cancer Res. 11 (16), 5869-5877 (2005)

# CDH3 Antibody (C-term) - Citations

• <u>Progression Risk Score Estimation Based on Immunostaining Data in Oral Cancer Using</u> Unsupervised Hierarchical Clustering Analysis: A Retrospective Study in Taiwan